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Energy Management Systems Energy Management Systems. ACS offers a new generation EMS solution in our PRISM real-time system environment. Our solution integrates best of breed technologies using a powerful suite of field proven applications. This paper examines the economic and environmental outcomes of four two-settlement electricity market clearing designs. The first design corresponds to a Deterministic Market Clearing (DMC) similar to the mechanism currently used in organized wholesale electricity markets in the United States. THE MPDS™; AN EMERGENCY MEDICAL DISPATCH SYSTEM DESIGN. The MPDS protocol is designed to standardize and codify the operation of EMD while optimizing safe and effective patient care through dispatch life support and EMS system response. As the U.S. population continues to grow, so does our society's need for more reliable, sustainable and cost-effective electricity. With more people moving to urban centers and the evolving supply of distributed energy resources, dependable energy is essential to realizing the vision of the smart city, where Internet of Things (IoT) solutions are helping to create a safer, healthier and more ...